



Rabbit Anti-Human Syntaxin monoclonal antibody, clone TQ47 (CABT-L1859)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Bovine, Chicken, Dog, Rat
Target	Syntaxin
Immunogen	Synthetic peptide corresponding to N-terminus of human syntaxin 1A protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	TQ47
Purification	Protein A/G purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	33 kDa
Cellular Localization	Membrane
Positive Control	Brain
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide

Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.
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BACKGROUND

Introduction	Syntaxin 1a is potentially involved in docking of synaptic vesicles at presynaptic active zones and may play a critical role in neurotransmitter exocytosis. Haploinsufficiency of STX1A may be the cause of certain cardiovascular and musculo skeletal abnormalities observed in Williams-Beuren syndrome (WBS) , a rare developmental disorder. It is a contiguous gene deletion syndrome involving genes from chromosome band 7q11.23.
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Keywords	HPC 1;Neuron specific antigen HPC 1;Neuron specific antigen HPC1;P35 1;STX 1;STX 1A;STX1;STX1A;STX1B;STX2;STX3;Syntaxin 1A;Syntaxin 1A brain;Syntaxin 1B;Syntaxin 2;Syntaxin 3;Syntaxin
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GENE INFORMATION

Entrez Gene ID	6804
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UniProt ID	Q16623
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